

## CLAIMS

What is claimed is:

1. A method comprising:  
transmitting a combined signal over a combined channel by mapping a first block of said combined signal to be carried by a first sub-channel of said combined channel and mapping a second block, substantially identical to said first block, to be carried by a second sub-channel of said combined channel.
2. The method of claim 1, comprising duplicating said first block to produce said second block.
3. The method of claim 2, comprising creating an indication, in said first block, of a property of said combined signal.
4. The method of claim 3, comprising creating an indication, in said first block, of whether said combined signal is followed by a subsequent signal carried by a channel having a channel width which is different from the channel width of the first sub-channel.
5. The method of claim 4, comprising receiving at least said first block.
6. The method of claim 5, comprising determining whether said combined signal is followed by said subsequent signal.
7. The method of claim 6, comprising receiving said subsequent signal.
8. The method of claim 6, comprising avoiding transmission during a time period in which said subsequent signal is transmitted.

9. The method of claim 1, comprising producing a phase shift between said first and second blocks.
10. An apparatus comprising:  
a transmitter to transmit a combined signal over a combined channel by mapping a first block of said combined signal to be carried by a first sub-channel of said combined channel and mapping a second block, substantially identical to said first block, to be carried by a second sub-channel of said combined channel.
11. The apparatus of claim 10, wherein the transmitter is able to duplicate said first block to produce said second block.
12. The apparatus of claim 11, wherein the transmitter is able to create an indication, in said first block, of a property of said combined signal.
13. The apparatus of claim 12, wherein the transmitter is able to create an indication, in said first block, of whether said combined signal is followed by a subsequent signal carried by a channel having a channel width which is different from the channel width of the first sub-channel.
14. The apparatus of claim 10, wherein the transmitter is able to produce a phase shift between said first and second blocks.
15. A wireless communication station comprising:  
a radio frequency antenna; and  
a transmitter able to transmit a combined signal over a combined channel by mapping a first block of said combined signal to be carried by a first sub-channel of said combined channel and mapping a second block, substantially identical to said first block, to be carried by a second sub-channel of said combined channel.

16. The wireless communication station of claim 15, wherein the transmitter is able to duplicate said first block to produce said second block.
17. The wireless communication station of claim 16, wherein the transmitter is able to create an indication, in said first block, of a property of said combined signal.
18. A wireless communication system comprising:  
a first wireless communication station able to transmit a combined signal over a combined channel by mapping a first block of said combined signal to be carried by a first sub-channel of said combined channel and mapping a second block, substantially identical to said first block, to be carried by a second sub-channel of said combined channel; and  
a second wireless communication station able to receive at least said first block.
19. The wireless communication system of claim 18, wherein the first wireless communication station is able to duplicate said first block to produce said second block.
20. The wireless communication system of claim 19, wherein the first wireless communication station is able to create an indication, in said first block, of a property of said combined signal.
21. The wireless communication system of claim 20, wherein the first wireless communication station is able to create an indication, in said first block, of whether said combined signal is followed by a subsequent signal carried by a channel having a channel width which is different from the channel width of the first sub-channel.
22. The wireless communication system of claim 21, wherein the second wireless communication station is able to determine whether said combined signal is followed by said subsequent signal.
23. The wireless communication system of claim 22, wherein the second wireless communication station is able to receive said subsequent signal.

24. The wireless communication system of claim 22 wherein the second wireless communication station is able to avoid transmission during a time period in which said subsequent signal is transmitted .
25. A machine-readable medium having stored thereon a set of instructions that, if executed by a machine, cause the machine to perform a method comprising:  
transmitting a combined signal over a combined channel by mapping a first block of said combined signal to be carried by a first sub-channel of said combined channel and mapping a second block, substantially identical to said first block, to be carried by a second sub-channel of said combined channel.
26. The machine-readable medium of claim 25, wherein the instructions result in duplicating said first block to produce said second block.
27. The machine-readable medium of claim 26, wherein the instructions result in creating an indication, in said first block, of a property of said combined signal.